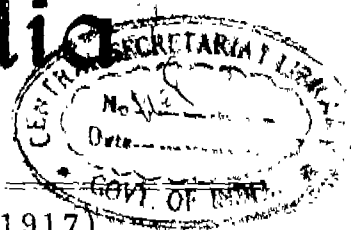




भारत का राजपत्र The Gazette of India

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PUBLISHED BY AUTHORITY



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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग से प्रकाशित हो सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों के संबंध में सूचनाएं और नोटिस
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the Controller drawn on a scheduled bank at the place
where an appropriate office is situated.

268/Bom/95. Subhash Shrikishna Mehendale. Biodegradable eco-friendly organic cleaning agent for electronic assemblies.

269/Bom/95. Thermax Ltd. A method of obtaining clear colourless recyclable/reusable water from coloured effluent discharged by process industries.

The 16th June 1995

270/Bom/95. Hindustan Lever Limited. U. K. Priorities dt. 20-6-94, 26-9-94, 9-12-94 & 10-3-95. Improvements relating to antimicrobial cleaning compositions.

271/Bom/95. Hindustan Lever Limited. U. K. Priorities dt. 20-6-94, 26-9-94, 9-12-94 & 10-3-95. Preparation and use of heat-treated mesomorphic phases in food products.

272/Bom/95. ITG Luft-technische Gesellschaft Mit Beschränkter Haftung. Filtering apparatus.

273/Bom/95. Chinese Petroleum Corporation. Semi-synthetic two stroke engine oil formulation.

274/Bom/95. Ricardo Miguel Oke & Lili Feld Oks. Interior preservation device for pneumatic tire motor vehicles.

275/Bom/95. Amarpath Nilkanth Jumariker. Automotive exhaust emissions absorber a process for curbing and absorbing environmental pollution caused by automobiles such as two wheelers, three wheelers, three wheelers passenger cars, jeeps, tempos, vans, trucks, buses and all sorts of heavy and light duty vehicles after burning of the pollutants from fuels petrol and diesel.

276/Bom/95. The Engin Bickford Company. Tin and Tin alloy liners and sheaths and explosive, degrading any pyrotechnic products.

The 28th June 1995

277/Bom/95. Vipin Champary Shah. An improved power transmission for reciprocating I.C. Engines.

278/Bom/95. Hindustan Ciba-Geigy Ltd. Vinylcarboxylic acid derivatives.

The 21st June 1995

279/Bom/95. Ravindrakumar Ravnjabhai Yadav. Fastening arrangement by means of webrow device in the string and sleeve system in garments.

280/Bom/95. Bapu Sambhai Sasawane. A device to absorb obnoxious gases from exhaust of internal combustion engine and/or smoke producing appliances.

The 22nd June 1995

281/Bom/95. Devendra Somabhai Nailh. Solar jet Dyeing machine.

282/Bom/95. Devendra Somabhai Nailh. Solar Textile processing house.

283/Bom/95. Deepak Nitrite Limited. Manufacture of black iron oxide by reduction of nitroaromatic compounds under neutral conditions.

284/Bom/95. Deepak Nitrite Limited. Isolation of pure hydroxylamine hydrochloride and sodium sulphate from the hydrolytic liquor.

285/Bom/95. Deepak Nitrite Limited. Isolation of pure hydroxylamine sulphate and sodium sulphate from the hydrolytic liquor.

286/Bom/95. Hindustan Lever Ltd. Process for stamping detergent bars.

The 26th June 1995

287/Bom/95. Mrs Shashikala N. Khare & Arvind Nilkanth Khare. Egg powder chocolate.

The 28th June 1995

288/Bom/95. Crompton Greaves Limited. A compact encapsulated dry outdoor current transformer and a method of manufacturing the same.

The 30th June 1995

289/Bom/95. Moniba Anand Electricals Pvt. Ltd. Water purification device.

290/Bom/95. Rallis India Ltd. A process for the preparation of the herbicide 2-chloro - N - (2-ethyl -6-methyl phenyl) N - (2-methoxy - 1-methyl ethyl acetamide, commonly known as metolachlor.

The 3rd July 1995

291/Bom/95. Aps-Star Industries Limited. An improved top gun in drafting system of spinning machine.

292/Bom/95. Star Spin & Twist Machineries Ltd. An improved spindle & bolster assembly of cabler machine for carpet/textile industries.

293/Bom/95. Star Spin & Twist Machineries Ltd. An improved spindle and bolster assembly of cabler machine for carpet/textile industries.

294/Bom/95. Star Spin & Twist Machineries Ltd. An improved brake assembly of cabler machine for carpet-textile industries.

295/Bom/95. Star Spin & Twist Machineries Ltd. An improved brake assembly of cabler machine for Carpet/textile industries.

The 5th July 1995

296/Bom/95. Hindustan Lever Limited. U. K. Priority dt. 5-7-94. Improvements in relating to electrochemical measurements.

The 6th July 1995

297/Bom/95. Ashish B. Sharma. Super light Thermal mass Kiln Car Bottoms for Kilns and furnace.

298/Bom/95. Ashish B. Sharma. Fiber Anchoring system for Kiln and furnace linings.

The 7th July 1995

299/Bom/95. Achyut Chintamani Phatak & Rajendra More-shwar Kulkarni. Water level control for a pipe line connected to source of water.

The 10th July 1995

300/Bom/95. Rajant Kirpal Singh. Paint Oil brush fitted with a clippe type device for clipping on.

301/Bom/95. Shelly Varkey John. A dispenser for dispensing a volatile composition into an enclosed area.

302/Bom/95. Amrutbhai Madhabhai Patel. Micro processor aided milk collection system.

303/Bom/95. Satyapriya Chatterjee & Debapriya Chatterjee. Chatterfree adjustable electrical contact control assembly for indicating dial type bourdon and spiral operated pressure and temperature systems.

The 11th July 1995

304/Bom/95. Hindustan Lever Ltd. U.K. Priority dt. 15-7-94. Detergent composition.

305/Bom/95. Bhagwan Das Malhotra, Sisir Kumar De, Prasanna Mali, Rajarshi Das & Adesh Kumar. An improved device for separation of gas from the petroleum liquid in the well bore.

306/Bom/95. Ehardt & J. Leimer GmbH. A method and a device for guiding and keeping a material web spread.

The α and β subunits

- 307/Bom/95. Mithal, P. and Gadhvi, P. R. Ratanshy Gadvi. An improved low temperature.
- 308/Bom/95. Madhukar, S. and Desai, B. D. Manji L. Vado-darga & H. M. M. Panch. An improved electronic gas lighter.
- 309/Bom/95. Anand Bhattacharya Shakti. An improved high voltage electrostatic powder for powder coating.
- 310/Bom/95. Dabip Shastri and Dabharukar. Process for making ice candy or ice cream from fresh fruit juice.
- 311/Bom/95. Dabip Shastri and Dabharukar. Process for dehydrating fruits, vegetable, cooked cereals and/or soups.
- 312/Bom/95. Dabip Shastri and Dabharukar. Process for manufacturing ice cream, juice ice candy without addition of any preservative, artificial colouring or flavouring essences.
- 313/Bom/95. Dabip Shastri and Dabharukar. Process for making banana & mango.
- 314/Bom/95. Dabip Shastri and Dabharukar. Process for preparing a coating of small particles impregnated with insecticide or fungicide for protecting crops through mechanical action.

File 100-361445

- 315/Bom/95. Filterwerk Barmstedt GmbH. An improved oil separator.
- 316/Bom/95. Filterwerk Barmstedt GmbH. Apparatus for separating oil and dust from air.
- 317/Bom/95. Filterwerk Barmstedt GmbH. Filtration fuel cut-off system.

Ph. 4. 2. 30. 1905

- 318/Bom. '95. Zelenka, J. & Co. Ltd. Liquid scoop.
319/Bom. '95. Asnok, J. & Co. Ltd. Capacitive liquid level sensor.
320/Bom. '95. Rapiato, J. & Co. Ltd. Process for manufacturing of emulsions rich carrot extracts from carrots.

V02 : 11 : 001 : 005

- 321/Bom:95. Bhowmik, P. and P. K. Ghosal. Novel substituted purinyl derivatives with H_{2}N modulating activity.
- 322/Bom:95. Verma, K. and Ishna Mahajan. A process and compound for the use of garcinia indica.

The 10th July 1993

- | | | |
|-------------|----------------------|--|
| 323/Bom/95. | Hindustan Lever Ltd. | Dispenser. |
| 324/Bom/95. | Hindustan Lever Ltd. | Detergent composition.
G. B. Patil, Pat. 19-7-94. |
| 325/Bom/95. | Hindustan Lever Ltd. | Detergent Composition |
| 326/Bom/95. | Hindustan Lever Ltd. | Detergent composition. |
| 327/Bom/95. | Hindustan Lever Ltd. | Soap composition. |
| 328/Bom/95. | Armstrong & Co. Ltd. | New Method of expansion of metal in the dividing zone of series machine tools, for lathes and mills. |
| 329/Bom/95. | Vipul Chemicals Ltd. | Improving power transmission for Engines. |

$$M_{\text{gas}} = \frac{f_{\text{gas}}}{\Omega_{\text{gas}}} \frac{M_{\text{DM}}}{\Omega_{\text{DM}}} \approx 0.001 M_{\text{DM}}$$

- 330/Bom-98, Dept. of Education, Thimmappa. Ad
improved method of teaching.

- 331/Bom '95. Filterwerk Mann & Hummel GmbH. Device for separating fluids differing density.

The 21st July 1995

- 332/Bonn/95. Chemnitzer Spinnereimaschinenbau GmbH.
Device for combing cotton or cotton like fibres.

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PATENT OFFICE BRANCH, 61, WALLAJAH ROAD,
MADRAS-600 002.

The 21st July 1995

- 937/Mas/95. Tory Industries Inc. Adhesive composition for rubber and fibre, rubber-reinforcing synthetic fibers, and fibre-reinforced rubber structures.
- 938/Mar/95. Rochemont Inc. Transmitted with moisture draining housing and improved method of mounting fillers.
- 939/Mas/95. Akzo Nobel N. V. Modification of (co) polymers with cyclic ketone peroxides.
- 940/Mas/95. Akzo Nobel N. V. Cyclic ketone peroxide formulations.
- 941/Bom/95. Enichem Elastomeri S.r.l. Orlanometallic derivatives of group IIIA and process for their preparation.

The 25th July 1995

- 942/Mas 95. Bravo S.p.A. Macrocytic chelants, their chelates and uses thereof in the diagnostic field.
- 943/Mas 95. Schneider Electric SA. A circuit breaker mechanism equipped with an energy storage device with a dumping stop.
- 944/Mas 95. Fujisawa pharmaceutical Co., Ltd. Guanidine derivatives. (August 5, 1994).
- 945/Mas/95. Riagdal Patentor A. S. Vehicle body.
- 946/Mas 95. CTB, Inc. Manure drying system and related method.

The 26th July 1995

- 947/Mas/95. Lucas Industries Public Limited Company. Wheel-brake cylinder for drum brakes and drum brake with wheel-brake cylinder.
- 948/Mas/95. Drum brake with divided brake support plate.
- 949/Bom/95. Apollo Tyres Limited, Mobile tyre service van.
- 950/Mas/95. Norddeutsche Seekabelwerke Aktiengesellschaft. Packing material and process for the production thereof.
- 951/Mas/95. Heinrich Kopp A.G. Device for preparing a multi-pole circuit breaker unit of individual circuit breakers.
- 952/Mas/95. Jobst Ulrich Gellert, Injection molding nozzle with collar having locating and reattening lug portions. (August 3, 1994; Canada).
- 953/Mas/95. Ecovir Corp. Vehicle based AC power system.
- 954/Mas/95. Palitex Project Company GmbH. A method and device for producing a twisted yarn.
- 955/Mas. 95. Sandoz-Patent GMBH. Tetracyclic triterpenes. (July 27, 1994; Great Britain).

The 27th July 1993

- 956/Mas/95. Société Des Produits Nestlé S. A. Process for the preparation of instant black tea.

957/Mas/95. Mems/EPG. Underground cable anode installation system.

958/Mas/95. Ralph Mullenberg. Clamping set.

959/Mas/95. F. Hoffmann-La Roche AG. 2 - (2-Amino -1, 6 - dicyano - 5 - oxopurin- 9-YL) Methoxy-1, 3- propanediol derivative. (July 28, 1994; United States).

960/Mas/95. Sato Iron Works Co. Ltd. Temperature control system and a blending mixing extruder apparatus having the temperature control system.

The 28th July 1995

961/Mas/95. Pandian Graphites (India) Ltd.. An improved process for the preparation of High Purity (95--99.5% Natural Graphite and a process for the preparation of expandable graphite using the said High Purity Natural Graphite.

962/Mas/95. G. Ramachandran. A wet grinder.

963/Mas/95. Sasurino Chemical Company. Dihalo-propene, cetapone, insecticidal/acariocidal agents containing same, and intermediates for their production.

964/Mas/95. Enotech Holdings Limited. Apparatus for disinfecting fluids. (August 5, 1994; New Zealand).

965/Mas/95. NV Raychem SA. Sealing apparatus. (July 29, 1994; Great Britain).

966/Mas/95. Mitsubishi Denki Kabushiki Kaisha. One way clutch.

967/Mas/95. Mitsubishi Denki Kabushiki Kaisha. Armature core of DC motor.

968/Mas/95. The Dow Chemical Company. Hydroxy-functional thermoplastic polyesters.

969/Mas/95. Mitsubishi Idokyo Kabushiki Kaisha. Wet flue gas desulfurization process and system.

The 31st July 1995

970/Mas/95. K. Kumbharwar. Air conditioned Cot.

971/Mas/95. Pulla Ganes Sarvodaya. Rotating machine Gun.

972/Mas/95. Pulla Ganes Sarvodaya. Changeable Design of a car tires without petrol/diesel.

973/Mas/95. ABB Management AG. Furnace vessel for a direct current arc furnace.

974/Mas/95. Mems/EPG, Inc. Underground cable anode installation system.

975/Mas/95. BASF Aktiengesellschaft. Oligomeric Triarylmethane dyes.

976/Mas/95. Institut Français Du Pétrole. Two-stroke engine with improved injection device and associated injection process.

977/Mas/95. Shell International Research Maatschappij BV. Process and apparatus for mixing fluids.

The 1st August 1995

978/Mas/95. The Dow Chemical Company. Biscyclopentadienyl dimer complexes.

979/Mas/95. Kimberly-Clark Corporation. Fiber structure for transporting a liquid.

980/Mas/95. Kimberly-Clark Corporation. Absorbent article having a thin efficient absorbent core.

981/Mas/95. Uci Chemicals S.A. Process and plant for the production of urea with high conversion yield and low energy consumption.

982/Mas/95. Fosco International Limited. Expand thermoplastic patterns for use in metal casting. (Divisional to P. A. No. 145/Mas/92).

983/Mas/95. Fosco International Limited. Method of producing a metal casting. (Divisional to 145/Mas/92).

The 2nd August 1995

984/Mas/95. A Herbal Composition to fight 'AID' VIRUS".

985/Mas/95. National Institute of Rock Mechanics. Roof stability tester.

986/Mas/95. Zeltwegger GmH AG. Method and device for the transmission of data.

987/Mas/95. Akzo Nobel nv. Finish Application thread guide and a process for applying finish to yarn.

988/Mas/95. E. GF Aktiengesellschaft. Preparation of amines.

989/Mas/95. Naval OY. A ball valve with full opening and a method for its manufacture.

990/Mas/95. Kohler Bosch GmbH. Fuel-injection pump for internal combustion engines.

991/Mas/95. Bicecase Strafor. New structure for office seats.

992/Mas/95. Amaron AG. Method and device for extinguishing fires.

993/Mas/95. E. I. D-Parry (India) Limited. A modified anaerobic process for producing organic manure and/or biogas from substances such as pressmud from sugar mills, agricultural and/or industrial wastes.

994/Mas/95. E. I. D-Parry (India) Limited. A bio-reactor having inter-diffused passages between inlet chamber and outlet chamber for anaerobic digestion of substances such as pressmud from sugar mills, agricultural and/or industrial wastes to produce organic manure and/or biogas.

The 3rd August 1995

995/Mas/95. Sadanad N Pappur. Assembly of power windows for complete motor vehicles.

996/Mas/95. D Jarchand. Heat bonded co-extruded flat cables.

997/Mas/95. D Jarchand. Manufacture of heat bonded co-extruded flat cables.

998/Mas/95. Rhodusan Photo Film Manufacturing Company Limited. A process for preparation of sensitised silver halide photographic emulsion with improved covering power for screen type radiography.

999/Mas/95. Wembley Rubber Products. Coating composition method of using it and article coated with same. (11th August, 1994; UK).

1000/Mas/95. At & T Corp. A selector for use in a system including a display and interactive pointing means for specifying locations in the display.

The 4th August 1995

1001/Mas/95. Kivoshi Okazoe. Solid-liquid separator and wet flue gas desulfurization apparatus.

1002/Mas/95. The Dow Chemical Company. Process for making polyphenols from ketones or aldehydes and phenols.

The 5th August 1995

1003/Mas/95. Kimberly-Clark Corporation. An applicator for holding and dispensing a substance.

1004/Mas/95. Kimberly-Clark Corporation. Tampon applicator having an improved pleated tip.

The 8th August 1995

1005/Mas/95. Monsanto Company. Acrylonitrile filament process.

1006/Mas/95. Cement accelerating admixture (Australia) (U.K. Great Britain).

1007/Mas/95. Channel Hinge & Sons PLC. Door closers and dampers primarily for door closers. (August 12, 1991) Great Britain.

1008/Mas/95. Schlumberger Ltd. A magnetic protection device.

1009/Mas/95. Schlumberger Ltd. A device for silencing engine noise by volume-related operation of a flap having improved acoustic properties.

1010/Mas/95. Fibretek Corporation. Rolled tissue products comprising overlapping tissue sheets.

1011/Mas/95. Saito Machine Tessili s.r.l. Method and equipment for eliminating faulty thread wound onto the winding spool.

1012/Mas/95. BASF Aktiengesellschaft. High-purity ferromagnetic iron oxide pigments.

1013/Mas/95. Himont Incorporated. A process for the polymerization of alpha-olefins (Divisional to Patent Application No. 505/Mas/91).

The 9th August 1995

1014/Mas/95. Fisher Controls International, Inc. Current-to-pressure transducer with selectable, adjustable input filter.

1015/Mas/95. Poltex Project Company GmbH. Method and device for manufacturing a twisted yarn.

1016/Mas/95. Mirrex Arzneimittel GmbH. Method of obtaining alkaloids.

1017/Mas/95. Ciba-Geigy AG. Oxaz- or thiazoliphenically bridged quinazoline 2,3-diones.

1018/Mas/95. Honda Giken Kogyo Kabushiki Kaisha. Push rod and process for producing the same.

1019/Mas/95. SMS Schloemann-Siemag Aktiengesellschaft. Continuous casting plant for casting thin slabs.

1020/Mas/95. BASF Aktiengesellschaft. Preparation of amines.

1021/Mas/95. Ploch Dent Company. Improved Denture Adhesive Composition.

1022/Mas/95. Ploch Dent Company. Denture Adhesive.

The 11th August 1995

1023/Mas/95. C. Raja Reddy. A series of nozzles, overlapping one another with a small but measured clearance between any two to allow inward flow of outside air or gas, so that a small stream of air or gas entering the first nozzle at high pressure converts its pressure energy into kinetic energy, sucks outside air or gas at every junction of the nozzles, forms a vortex and finally leaves the last nozzle as a large flow with low velocity.

1024/Mas/95. C. Medical Technologies, Inc. Anchro and method for securing it into a bone.

1025/Mas/95. Grand Hi-Tec Systems. Apparatus and method for video broadcasting.

1026/Mas/95. Novo Nordisk A/S. Novel Microorganisms.

1027/Mas/95. Ajinomoto Co., Inc. Methods of producing L-lysine and L-Glutamic acid by fermentation.

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The 12th August 1995

1434/Del/95. Alpha Human "New Delhi." Process for separating and recovering CO from gaseous mixture.

1435/Del/95. All Medical Systems Services Techniques, "France." Pneumatic Booster. (Convention date 8th September, 1994)-France.

1436/Del/95. All Medical Systems Services Techniques, "France." Pneumatic Booster with reduced load and reduced hysterisis. (Convention date 8th September, 1994)-France.

1437/Del/95. Sony Corporation "Japan." High speed processing system.

1438/Del/95. Motorola Inc. "U.S.A." Synthesis method for alkaline metal intercalation manganese oxide in acids and electrolytes for electrochemical cells and same.

The 02nd August 1995

1439/Del/95. Tritec Power Systems Ltd., "Canada." Tri-lobed camshaft.

1440/Del/95. Alan F. Beane and Glenn L. Beane, "U.S.A." Manufacturing particles and articles having engineered properties.

1441/Del/95. Union Oil Company of California, "U.S.A." Methods and compositions for prolonging the release of carbon dioxide in soil. (Convention date 12th August, 1994 and 21st July, 1995)-U.S.A.

1442/Del/95. The General Hospital Corporation, "U.S.A." A method for encoding chimeric receptor. (Convention date 2nd August, 1994 and 24th February, 1995)-U.S.A.

1443/Del/95. Amoco Corporation, "U.S.A." Wash conduit configuration in a centrifuge apparatus. (Convention date 7th June, 1995)-U.S.A.

1444/Del/95. Amoco Corporation, and Halvor Topsoe, A/S "Denmark." Diesel fuel composition.

1445/Del/95. Shell Internationale Research Maatschappij B.V. "Netherlands."

1446/Del/95. Buchler AG, "Switzerland." Device for metering small quantities.

The 03rd August 1995

1447/Del/95. National Institute of Immunology, "New Delhi." Process for the preparation of a highly interconnected porous gelatin matrix.

1448/Del/95. Motorola Inc., "U.S.A." Method of facilitating an audio source change in a digital audio communication system.

1449/Del/95. Motorola Inc. "U.S.A." A pneumatically cooled heat sink assembly.

1450/Del/95. Motorola Inc., "U.S.A." System and method for segmenting frames of a facsimile message for transmission to selective call receiver.

1451/Del/95. Motorola Inc., "U.S.A." Method and apparatus for improved message reception at a fixed station or device.

1452/Del/95. Johann Springer, "Germany." Double wall-insulated tubing and method of installing same.

The 04th August 1995

1453/Del/95. Council of Scientific and Industrial Research, "New Delhi." A process for the preparation of alkyl 2-(substituted amino)-2,2,2-trihaloethyl propane dioates.

- 1454/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "A device useful for the measurement of unrestrained movement of a person in 3-D space with special reference to parkinson's disease."
- 1455/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "An improved polymerization process for obtaining polymers of low molecular weight."
- 1456/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "A process for the preparation of aluminium nitride (ain) whisker."
- 1457/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "An improved process for the isolation & purification of podophyllotoxin-1- α - β -D-Glucopyranoside and 4'-demethylpodophyllotoxin-1- α - β -D-Glucopyranoside from roots/rhizom of podophyllum Emodi."
- 1458/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "A process for the production of floor tiles from foundry cupola slag."
- 1459/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "A process for the preparation of crystalline porous vanadium aluminophosphate catalysts."
- 1460/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "A process for the production of low ash fuel using calcined petroleum coke and low ash fuel prepared thereby."
- 1461/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "An improved process for the synthesis of syringaldehyde."
- 1462/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "Development of immobilization technique for in situ biodegradation of crude oil."
- 1463/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "An improved process for the preparation of acetonitrile from ethanol over vanadium-silico-alumina phosphate catalysts via ammoxidation."
- 1464/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "A process for the preparation of toughened corrugated fibre board and toughened corrugated fibre board prepared thereby."
- 1465/DEL/95. Council of Scientific and Industrial Research, "New Delhi." "A process for the preparation of bipolar membranes."
- 1466/DEL/95. BP Chemicals Limited, "England." "Alkylation process.*"
- 1467/DEL/95. The Procter & Gamble Company, "U.S.A." "Handwash laundry detergent compositions." (Convention date 11th August, 1994)-U.K.
- 1468/DEL/95. The Procter & Gamble Company, "U.S.A." "Detergent composition." (Convention date 11th August, 1994 and 8th June, 1995)-U.K.
- 1469/DEL/95. The Procter & Gamble Company, "U.S.A." "Nonwoven female component for refastenable fastening device." (Convention date 9th August, 1994)-U.S.A.
- 1470/DEL/95. The Procter & Gamble Company, "U.S.A." "Fabric treating composition containing betacyclodextrin and essentially free of perfume." (Convention date 12th August, 1994)-U.S.A.
- 1471/DEL/95. Separation Engineering Limited, "England." "Purification systems." (Convention date 19th August, 1994)-U.K.

ALTERATION UNDER SECTION 16

- 176133 Filed on 25.11.1989
(733/DEL/89) Accepted on 19.10.86
- 176136 Filed on 17 Aug 1989
(728/DEL/89) Accepted on 11 Jan 1987.
- 176158 Filed on 21.8.89.
(738/DEL/89) Accepted on 03 Dec. 1986.

COMPLETE SPECIFICATION ACCEPTED

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा सूत्र सूचना दी जाती है कि सम्बद्ध आवेदन में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अगुम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत निर्दिष्ट प्राव 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियन्त्रक, एकत्र के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वस्तुस्थिति, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तरराष्ट्रीय वर्गीकरण के अनुरूप हैं।"

रूपांकन (चित्र आरेखों) की तारी प्रतियां यदि कोई हों, के साथ विनिर्देश की तारी अथवा प्राव प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता या उपयुक्त प्रांत कार्यालय द्वारा विहित लिप्यान्तरण प्रभाव के अंतर्गत कार्यालय से एक व्यवहार द्वारा सुनिश्चित करने में आवश्यक उपयुक्त सावधानी पर की जा सकती है। विनिर्देश की पूर्ण गिनती के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित लिप्यान्तरण कलकों को जोड़कर उसे 2 से गुणा करके, (वर्गीकरण के साथ एक लिप्यान्तरण प्रभाव 2/- रु. है) फोटो लिप्यान्तरण प्रभाव का परिकलन किया जा सकता है।

Ind. Cl. : 140A₁
Int. Cl.⁴ : C10M 105/72.

176131

LUBRICATING COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION, OF 29400 LAKE LAND BOULEVARD WICKLIFFE, OHIO-44092, UNITED STATES OF AMERICA.

Inventor : JAMES NOEL VINCI, CURTIS RICHARD SCHARF.

Application for Patent No. 787/DEL/89 filed on 05-09-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110005.

17 Claims

A lubricating composition comprising :

- (A) from 200 to 1000 parts an oil of lubricating viscosity;
- (B) from 0.5 to 20 parts of the reaction product of at least one poly-carboxylic compound having at least one hydro-carbon-based substituent of 12 to 500 carbon atoms with at least one of :
 - (i) a N-(hydroxyl-substituted hydrocarbyl) amine, or
 - (ii) a hydroxyl-substituted poly (hydrocarbyloxy) derivative of said amine;
- (C) from 5 to 350 parts an active sulfur containing organic compound such as herein described; and
- (D) from 0.5 to 10 parts of at least one alkali metal or alkaline earth metal containing compound of the kind such as herein described.

(Complete specn. 39 pages

Drg. Sheet Nil)

Ind. Cl. : 56 A
Int. Cl. : C10G 71/00.

176132

A PROCESS FOR THE RECOVERY OF C₂+ OR C₃+ FRACTIONS OF HYDROCARBONS AND AN EQUIPMENT FOR CARRYING OUT SUCH A PROCESS.

Applicant : L'AIR LIQUIDE, SOCIETE ANONOME POUR L'ETUDE ET L'EXPLOITATION DES PROCÉDES GEORGES CLAUDE, OF 75, QUAI D'ORESAY, 75321 PARIS CEDEX 07, FRANCE.

Inventors : PIERRE GAUTHIER, CHRISTIAN MONE-REAU.

Application for Patent No. 782/DEL/89 filed on 4-9-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, Delhi-110 005.

12 Claims

A process for the recovery of C₂+ or C₃+ fractions of hydrocarbons from a gaseous mixture such as a refinery residual gas having lighter components such as a high hydrogen content which comprises :

purifying said gaseous mixture to remove impurities such as herein described therefrom;

partially condensing the said purified gaseous mixture, distilling said condensation product to provide the desired C₂+ or C₃+ fraction of hydrocarbons and residual gas such as herein described characterised in that upstream of the condensation step, the purified gaseous mixture is subjected to permeation to remove a portion of the said hydrogen and in that the permeated product is diluted with the residual gas obtained from the distillation step.

(Compl. specn. 9 pages

Drg. sheets 2)

2-457 GI/95

Ind. Cl. : 32 B & 42 B
Int. Cl.⁴ : B01J 21/00

176143

A CATALYTIC COMPOSITION USEFUL FOR THE CATALYTIC CONVERSION OF HYDROCARBONS.

Applicant : UOP INC., TEN UOP BLAZA, ALGONQUIN & PROSPECT ROADS DES PLAINES, ILLINOIS-60016, U.S.A.

Inventors : SUSAN LEE LAMBERT, RANDY JOE LAWSON, RUSSELL WARD JOHNSON, JEAN-PIERRE GILSON.

Application for Patent No. 753/DEL/89 filed on 25-8-89. Ante-dated to 18-09-86.

Divisional to Patent Application No. 823/DEL/86 filed on 18-9-86.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch Karol Bagh, Delhi-110 005.

7 Claims

A catalytic composition useful for the catalytic conversion of hydrocarbons comprising a combination of nonacidic zeolite, a Group VIII metal component, and a silica support matrix derived by a high-pH gelation of an alkali-metal silicate sol., said Group VIII metal component being present in an amount of 0.01 to 5.0 wt.% of the entire composition and said non-acidic zeolite being present in an amount of 25 to 75% of the weight of the zeolite and support matrix wherein there is a synergistic action between the ingredients during its use as a catalyst.

(Compl. Specn. 30 pages

Drg. sheet 1)

Ind. Cl. : 179 F XL (6)
Int. Cl.⁴ : B 65 D 35/28.

176134

DEVICE FOR DISPENSING A MULTI-COLOURED SURFACE STRIPED PRODUCT FROM AN OUTLET OF A COLLAPSIBLE TUBE.

Applicant : COLGATE-PALMOLIVE COMPANY, OF 300 PARK AVENUE, NEW YORK-10022, UNITED STATES OF AMERICA.

Inventor : PATRIC J. MADDEN.

Application for Patent No. 774/DEL/89 filed on 1-9-89.

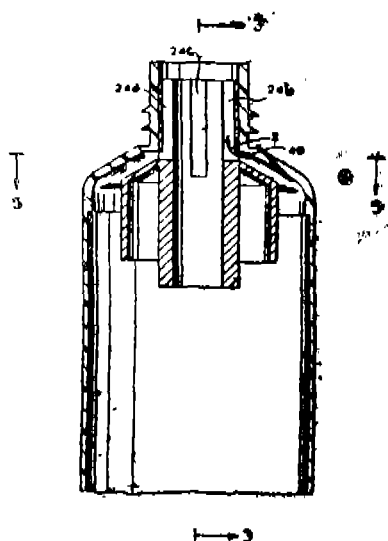
Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch Karol Bagh, Delhi-110 005.

10 Claims

A device for dispensing a multi-coloured surface striped product from an (16) outlet of a collapsible (10) tube which comprises an (20) insert within said (10) tube adjacent said (16) outlet, said (20) insert comprising a central (22) cylinder having a downwardly tapered conical (28) skirt provided externally thereof at the top of said (22) cylinder whereby a first space (A) is provided between said conical (28) skirt and the inner surface of said (10) tube for location therein of a coloured secondary product and a second space (B) is likewise provided between said conical (28) skirt and said central (22) cylinder for location therein of a different coloured tertiary product, the interior of said central (22) cylinder constituting a third space (C) for location therein of a main product, each of said spaces (A, B, C) being provided with (26, 40, 44) means for communicating with said (20) insert whereby pressure on said (10) tube forces the main

secondary and tertiary products simultaneously through said (20) insert and out of said (16) outlet as a multi-coloured surface striped product.

FIG-2



(Compl. specn. 10 pages.

Drg. sheets 4)

Int. Cl. : 58 C

176135

Int. Cl.⁴ : E 06 B 9/24.

A VENETIAN BLIND ASSEMBLY.

Applicant : HUNTER DOUGLAS INDUSTRIES B.V.
OF PIEKSTRAAT 2, NL-3071 EL ROTTERDEM, THE
NETHERLANDS.

Inventors : HERMAN OSKAN, WOUTER PAUL KUI-
VENHOVEN.

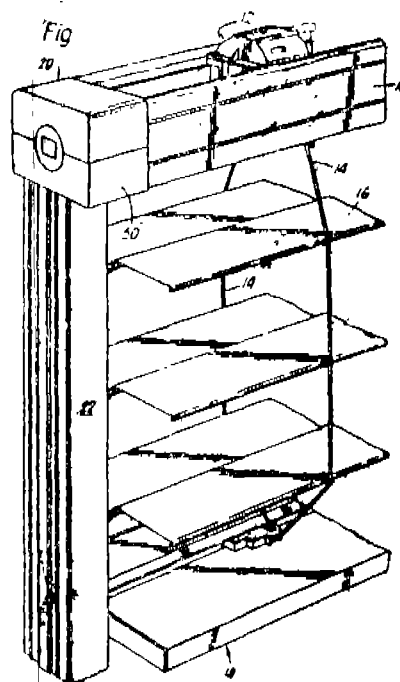
Application for Patent No. 752/DEL/89 filed on 25-8-89.

Appropriate office for filing opposition proceedings (Rule
4, 1972), Patent Office Branch Karol Bagh, Delhi-110 005.

12 Claims

A venetian blind assembly comprising a headrail, a bottom rail, two side members (22) a guideway (24) and a guide slot (30) provided in each side member (22) and extending longitudinally of each side member (22) each guide slot (30) opening towards the other side member (22) a plurality of venetian blinds slats extending substantially horizontally between said side members (22) pins (74) extending laterally from said slats (16) and movable, in the guide slots (30) of the side members (22) two flexible drive elements (38) one movable in each of the side members (22) for raising and lowering the blind, a drive shaft (13) extending longitudinally through the headrail (10) and rotatable about its axis, means not shown to rotate the drive shaft (13) in each of two opposite rotational senses, a tilter (12) driven by said drive shaft (13) tilt cords (14) connected to said tilter (12) and to said slats (16) whereby operation of the tilter (12) will tilt the slats (16) two drive members (46) mounted one adjacent each end of the headrail (10) and rotatable by the drive shaft (13) each flexible drive element (38) extending up from its side member (22) to a separate one of the drive members (46) to be driven thereby two sliders (32) one movable in the guideway (24) of each side member (22) each slider (32) being attached to the drive element (38) which is movable in that side member (22) in which that slider member (32) is movable and a laterally extending guide element (82) on each end of the bottom rail (18) each guide element (82) extending through said guide slot (30) and engaging the slider (32) of its side member (22) an open-topped recess (34)

being provided in each slider (32) in which the relevant guide element (82) is received, whereby each guide element (82) is disengageable from the slider (32) through the open top of the open-topped recess (34) when the bottom rail (18) and/or the slider (32) are forced in the relevant direction.



(Compl. specn. 14 pages

Drg. Sheets 3)

Ind. Cl. : 154-D

176136

Int. Cl.⁴ : G 03 C, 1/74.

PROCESS FOR PREPARING ON A SUBSTRATE SUR-
FACE A NEGATIVE THERMALLY STABLE, DISCON-
TINUOUS LAYER OF MATERIAL DESCRIBING A
PATTERN ON SAID SURFACE.

Applicant ROHM AND HAAS COMPANY, OF INDE-
PENDENCE MALL WEST, PHILADELPHIA, PENNSYL-
VANIA 19105, UNITED STATES OF AMERICA.

Inventor : WAYNE EDMUND FEELY.

Application for Patent No. 728/DEL/89 filed on 17-8-89.

Divisional to Patent Application No. 21/DEL/87 filed on
12-01-87.

Ante-dated to 12-01-87.

Appropriate office for filing opposition proceedings (Rule
4, 1972), Patent Office Branch, Karol Bagh, Delhi-110 005.

8 Claims

A process for preparing on a substrate surface a nega-
tive, thermally stable, discontinuous layer of material de-
scribing a pattern on said surface which comprises :

(a) depositing a photosensitive solution on a substrate
surface, the photosensitive solution comprising :

- (i) an acid-hardening resin system as herein
described; and
- (ii) a halogenated, organic, photoacid generating
compound as herein described within selective
ly absorbs actinic radiation having a wave-
length in the range of 299 nanometers or less,
is compatible with the acid-hardening resin
system, and is developable in aqueous base
solution, said acid-hardening resin system

being present in an amount of 50 to 99.9 weight per cent, and said halogenated organic photoacid generating compound being present in an amount of 0.1 to 50 weight per cent, the percentages being based on the weight of acid-hardening resin system plus photoacid generating compound;

- (b) heating the deposited photosensitive solution at about 90°C to form a coating;
- (c) exposing at least one portion of the coating to a source of actinic radiation having a wavelength in the range of 299 nanometers or less;
- (d) developing unexposed portion(s) of the coating with an aqueous base developer; and
- (e) heating the exposed portion(s) of the coating to a temperature in excess of 300°C to form a negative thermally stable discontinuous layer that is thermally stable to temperatures in excess of 200°C.

(Compl. specn. 51 pages

Drg. Sheet nil).

Ind. Cl. : 128 G XIX (2)

176137

Int. Cl.⁴ : A 61 M 25/00.

STEERABLE GUIDEWIRE FOR USE IN THE PLACEMENT OF CATHETERS.

Applicant : C. R. BARD, INC. OF 730 CENTRAL AVENUE, MURRAY HILL, NEW JERSEY 07974, UNITED STATES OF AMERICA.

Inventors : THOMAS J. PALERMO.

Application for Patent No. 660/DEL/89 filed on 25-7-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, Delhi-110 005.

6 Claims

A steerable guidewire for use in the placement of catheters comprising :

an elongate solid walled tubular main wire having a proximal and a distal end;

an elongate helical coil having proximal and distal ends and being connected at its proximal end to the distal end of the main wire and extending distally of the main wire;

a distal core wire having proximal and distal ends and being connected to and extending distally from the distal end of the main wire, the core wire extending through the lumen of the coil and having a distal tip connected to the distal tip of the coil at a rounded end cap;

a pull opening means adjacent to the distal end of the main wire and adjacent the proximal end of the distal core wire;

a pull wire having a proximal end and a distal end, the distal end of the pull wire terminating short of the distal tip of the helical coil;

an internal longitudinally yieldable spring connecting the distal end of the pull wire with the distal end of the helical coil;

the pull wire extending proximally between the core wire and the coil and through the opening into the lumen of the main wire, the pull wire extending proximally through the lumen of the main wire to the proximal end of the main wire;

the proximal end of said pull wire on being pulled applying tension to said internal spring to draw at least a portion of the distal segment of the outer helical coil into a curved configuration.

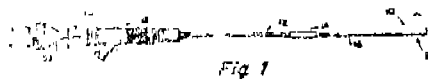


Fig 1

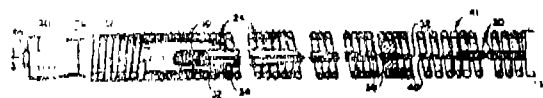


Fig 2

(Compl. specn. 18 pages

Drg. sheet 1)

Ind. Cl. : 39 L, 90 I

176138

Int. Cl.⁴ : C 03 B 5/08.

AN IMPROVED PROCESS FOR THE PREPARATION OF SnO_2 HAVING HIGH SINTERED DENSITIES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001.

Inventors : KUNJURAMAN NAIR, RAVINDRAN NAIR, KRISHNANKUTTY NAIR, PADMAKUMAR.

Application for Patent No. 659/DEL/89 filed on 25-7-89.

Complete Specification left on 20-8-90.

Appropriate Office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi -110 05..

(Claims 6)

An improved process for the preparation of densified SnO_2 having high sintered densities which comprises mixing SnO_2 powder with known organic binder, pressing the resulting mixture into dense size & shape, heating the pressed body to a temperature in the range of 400-500°C, soaking the heated body in a solution of CuSO_4 , MnSO_4 as dopants, the concentration of the dopant ion being in the range of 0.1 to 1.5M for 15 to 150 minutes and heating the body to a temperature in the range of 100-1200°C for a period of 4 to 12 hrs.

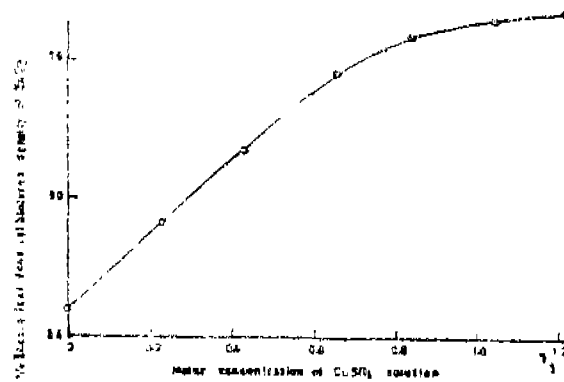


Fig 1 Variation of sintered density of SnO_2 with concentration of CuSO_4 solution used for soaking

(Provisional Specification 3 Pages;

Drawing Sheets 1)

(Complete Specification 4 Pages;

Drawing Sheets nil).

Ind. Cl. : B31 - A1, B31 - A2

176139

Int. Cl.⁴ : E 21 F 15/08.

METHOD FOR THE PRODUCTION OF AN IMPROVED WATER-RETAINING INFILL FOR USE IN THE BACKFILLING OF UNDERGROUND VOIDS IN MINES, TUNNELLING AND SIMILAR FORMATIONS.

Applicant : FOSROC INTERNATIONAL LIMITED OF
285 LONG ACRE, NECHELLS, BIRMINGHAM B7 5JR,
ENGLAND.

Inventor : RODERICK MACDONALD SMART.

Application for Patent No. 608/DEL/89 filed on 7-7-89.

Convention Date 30-9-88/88,23017.2/GB.

Appropriate Office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi -110 005.

15 Claims

A method for the production of an improved water-retaining infill for use in the backfilling of underground voids in mines, tunnelling and similar formations which method comprises :

mixing together—

from 15% to 55% by weight of water,

a substantially inert filler such as herein described, and

from 0.5% to 15% by weight of a binder such as herein described, to form a backfill slurry;

transporting the slurry so formed to an underground void;

introducing the transported slurry into said void; and

adding to said slurry while it is being introduced or immediately prior to its introduction into said void from 0.3% to 8% relative to the weight of said slurry a gelling agent such as herein described to produce the the desired water-retaining infill within said void.

(Compl. specn. 19 pages

Drng. sheets Nil)

Ind. Cl. : 70 A

176140

Int. Cl.⁴ : H 01 M 4/46.

AN IMPROVED MAGNESIUM METAL OXIDE AIR CELL.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001.

Inventors : NATCHI MUNIYANDI, KAILATHUVALAPIL INNIRI VASU.

Application for Patent No. 593/Del/89 filed on 6-07-89.

Complete left after Provisional Specification on 4-10-90.

Appropriate Office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi -110 005.

2 Claims

An improved magnesium metal oxide air cell which comprises a magnesium, aluminium and zinc alloy having 3% aluminium, 1% zinc and balance Mg as an anode, a cathode as herein described, and an electrolyte characterised in that the electrolyte is having the composition given below :

Ammonium bromide (14%) (14 g dissolved in 100 ml water)	: 20cc
Lithium sulphate (7%) (7 g dissolved in 100ml water)	: 10cc
Magnesium perchlorate (24%) (24 g dissolved in 100 ml water)	: 75cc
Ammonium hydroxid (15%) (15 g dissolved in 100 ml water)	: 45 cc

(Compl. specn. 9 pages Prov. Specn. 6 pages Drng. sheet Nil)

Ind. Cl. : 95 J XLIII (2)

176141

Int. Cl.⁴ : B 25 B 15/00, 15/04, 21/00.

MULTIPURPOSE SCREW DRIVER.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI.

Inventors : RANJAN SEN AND PRASUN KUMAR CHAKRABARTHY.

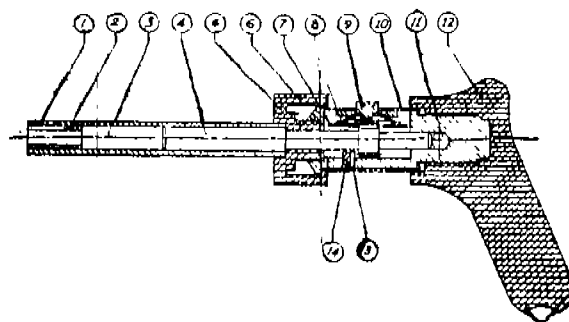
Application for Patent No. 609/Del/88 filed on 15th July 1988.

Complete specification left on 1-9-1989.

Appropriate Office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi -110 005.

3 Claims

A multipurpose screw driver which comprise a tool adapter (1) having in its inside front end a tool holding bush (2), a permanent magnet (3) in its inside middle portion, a splines shaft (4) in its inside rear portion, the rear of the tool adapter (1) being permanently fixed to a holder (5) attached to the front of an adapter (6) which is fixed to a handle (12), the adapter having an inside circumferential opening (f) and a step down portion (g) in its top position, with the spline portion (d) of the spline shaft (4) floating in the said circumferential opening and the spline shaft end (e) placed inside the groove (h) with a steel ball (11) and two guide plates (7) placed on the step down portion (g) with a spring (8), placed on the guide plates (7), for pressing the movement controller (9) against the cover (10) which covers the adapter (6) circumferentially and connects the holder (5) with the handle (12), the cover (10) having an opening (j), at its top, for the movement controller (9) which has three distinct position (K, L, M) for movement of the tool adapter (1), firstly in the anti clockwise direction, secondly in a fixed position and thirdly in the clockwise direction, the said cover having another opening (i) at its bottom for the a spring (14) pressed locking key (13) for preventing the spline shaft (4) coming out axially from the adapter (6).



(Provisional Specification 6 Pages;

Drawing Sheet One)

(Compl. Specn. 10 Pages;

Drng. Sheets 4).

Ind. Cl. : 108 C₃

176142

Int. Cl.⁴ : C 21 C, 5/56.

A DEVICE FOR THE PRODUCTION OF HIGH QUALITY STEEL FROM DIRECTLY PRODUCED IRON ROD OR SLAB AND A PROCESS FOR THE PRODUCTION OF HIGH QUALITY STEEL USING THE SAID DEVICE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : SHILOWBHADRA BANERJEE, UPKAR SINGH, SUSHIL KUMAR BISWAS SUBRATA CHATTO-PADHYAY, HAWALDAR SINGH.

Application No. : 906/Del/88 filed on 14-10-88.

Complete Specification left on 23-1-90.

Appropriate Office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi -110 005.

(Claims 2)

A device for the production of high quality steel from directly reduced iron rod or slab which comprises a double walled shell (1) cooled by water on to which are fitted two or more non-consumable electrodes (2) by means of electrode mounting arrangement (3) which enables adjustment of the angle of the electrode with reference to the wall of the shell by means of a swivelling arrangement (4) the electrodes (2) being also adjustable with respect to their distance from the wall of the shell as well as the pitch circle formed by their tips by means of an adjustable/sliding mounting (5), power being supplied to the said electrodes through water/air cooled electrode holders (6) the shell (1) at its lower end being provided with a water cooled mould (7) of desired shape the mould (7) having a water cooled plug (B) fitted to it, the plug (B) being capable of rising and retracting at a continuously variable or constant speed through a variable speed device (9) and screw (14), the variable speed device and the double walled water cooled shell being mounted on a stand (15).

(Provisional Specification 9 Pages; Drawing sheet One)
(Compl. Specn. 10 Pages; Drgn. Sheet One).

Ind. Cl. : 39 (O) 176143
Int. Cl.⁴ : C 01 B, 33/20.

PROCESS FOR THE PREPARATION OF CRYSTAL-LINE ALUMINOSILICATE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : PRAPHULLA NARAHAR JOSHI, VASUDEO PANDURANG SHIRALKAR AND PAUL RATNASAMY.

Application for Patent No. : 959/Del/88 filed on 7th November, 1988.

Appropriate Office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi -110 005.

(Claims 4)

A process for the preparation of a crystalline aluminosilicate having composition in the anhydrous form in terms of mole ratios of oxides of formula : $(0.8-1.0) M_2O : Al_2O_3 : (7.0-7.4) SiO_2$ wherein M is a monovalent cation comprising a mixture of alkali, ammonium and hydrogen, the crystalline aluminosilicate being characterised in the as-synthesised form by its x-ray power diffraction pattern as herein described in table 1 and its infrared absorption spectra as herein described in Table 2, comprising reacting an aqueous solution of alumina, silicon and alkali metal salt with a tetra-alkyl ammonium salt of formula R_4NZ to form a gel, wherein R is an alkyl group containing 2-4 carbon atoms and Z is the chloride, bromide or iodide heating the resultant gel at 140-170°C for 60 hrs to 15 days in an autoclave, filtering drying and calcining the resultant said composite material to yield aluminosilicate having predominantly alkali as monovalent cation, subjecting the said aluminosilicate to ionexchange with an ammonium salt to yield a aluminosilicate having predominantly ammonium as monovalent cation, then calcining at temperature to 400-450°C to yield crystalline aluminosilicate having predominantly hydrogen as a monovalent cation.

(Copl. Specn. 23 Pages; Drgn. Sheet Nil).

Ind. Cl. : 116 C & G 176144

Int. Cl.⁴ : B 65 G 27/22.

DEVICE FOR HYDRAULIC CONVEYANCE OF LOOSE MATERIALS.

Applicant : MERPRO TORTEX LIMITED, OF BRENT AVENUE, FORTIES ROAD, INDUSTRIAL ESTATE, MONTROSE, AUGUS DD 10 9JA, SCOTLAND.

Inventors : VALERY PAVLOVICH DROBADENKO, VLADIMIR PAVLOVICH KOVAL, OLGA ALEXANDROVNA LUKONINA, VLADIMIR INNOKENTIEVICH SOKOLOV, BORIS ALEXANDROVICH MALTSEV.

Application for Patent No. 713/Del/89 filed on 9-8-89.

Appropriate Office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi -110 005.

(Claims 6)

A device for hydraulic conveyance of loose materials, comprising a vertical chamber with a cylindrical side surface and having a cover and a bottom, said chamber being provided with a high pressure liquid inlet pipe for feeding a liquid under high pressure, a loose material inlet pipe for feeding loose material to be conveyed out as a slurry, a slurry outlet pipe for delivering a slurry to be conveyed and, a liquid outlet pipe for discharge of excess liquid characterized in that the cover and bottom of the chamber are hemispherical in shape, said cover and bottom being respectively upwardly and downwardly convex and wherein the pipes are held to the cover and are coaxially arranged in the longitudinal axis of the chamber in order from outside to inside as follows : liquid outlet pipe; loose material inlet pipe; high pressure liquid inlet pipe and slurry outlet pipe.

(Compl. Specn. 22 Pages Drgn. Sheets 2).

Ind. Cl. : 68 D 1.VII(3). 176145
Int. Cl. : G 01 R 31/08.

AN EQUIPMENT FOR LOCATING THE POSITION OF A FAULT ON A POWER TRANSMISSION LINE.

Applicant : GEE ALSTOM LIMITED, A BRITAIN COMPANY, OF MILL ROAD, RUGBY, FARWICKSHIRE CV21 1BD, ENGLAND.

Inventors : ALLAN THOMAS JOHNS.

Application for Patent No. 786/Del/89 filed on 5-9-89.

Convention Date 9-9-88/8821204.8/GB.

Appropriate Office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi -110 005.

(Claims 6)

An equipment for locating the position of a fault on a power transmission line between a first and second end of said line comprising :

first means located at said first end for deriving therefrom first and second signals representative respectively of voltage V, and current I, at said first end ;

second means located at said second end for deriving therefrom third and fourth signals representative respectively of the voltage V_R and current I_R at said second end;

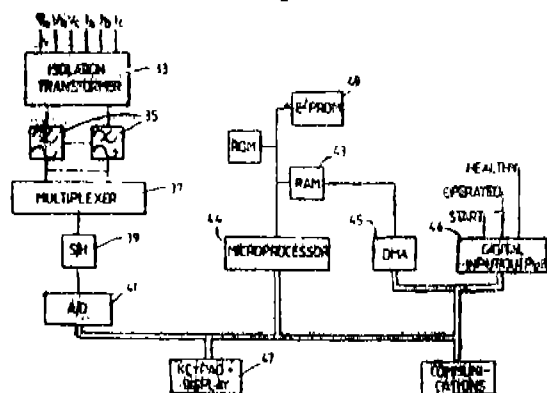
processor means connected to said first and second means and responsible to said first, second, third and fourth signals and positioned to calculate the distance of the fault utilising the received signal and equations of the form :

$$X_f = A_s V_s - B_s I_s \quad ; \text{ and}$$

$$X_f = A_R V_R - B_R I_R$$

wherein X_f is the fault voltage or current, A_S is a first transmission parameter of the line between the fault and the said first end, B_S is a second transmission parameter of the line between the fault and said first end. A_R is a first transmission parameter of the line between the fault and said second end, and B_R is a second transmission parameter of the line between the fault and said second end.

Fig. 4



(Compl. Specn. 14 Pages;

Drgn. Sheets 3).

Ind. Cl. : 108 C₃

176146

Int. Cl.⁴ : C 21 C, 5/56.

IMPROVED PROCESS FOR MAKING HIGH QUALITY STEEL DIRECTLY FROM FINE PARTICLES OF IRON RICH MATERIALS AND NON COCKING COAL FINES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : SHILOWBHADRA BANERJEE & SWATANTRA PRAKASH.

Application No. : 908/Del/88 filed on 24-10-88.

Complete Specification left on 23-1-90.

Appropriate Office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

(Claims 9)

An improved process for the production of high quality steel directly from fine particles of iron rich materials and non coking coal fines and/or fines of other carbonaceous material which comprises :

- (i) Charging the intimately mixed raw materials consisting of mixture of fine particles of iron rich materials of the size of 0.3 mm & below and non coking coal fines and/or fines of other carbonaceous materials with or without additives which enhance reduction and sintering process, into an annular space (4) in a vertical retort formed due to concentrically placed perforated pipe.
- (ii) externally heating the reactor to a temperature in the range of 800°C to 1000°C and for a period of 0.5 to 10.0 hrs.
- (iii) passing simultaneously oxygen or air or a mixture thereof into the perforated pipe placed concentrically to burn and/or react the reaction product gases to produce heat which heats up the column of iron rich materials and non coking coal mixture radially outwards in addition to the radially inward heating from the retort wall;

- (iv) continuously pushing out and/or withdrawing of the DRI rod or slab in a red hot condition of after cooling, by using external force;
- (v) protecting it from reoxidation by maintaining a protective atmosphere in a shroud attached to the reactor, or by applying a spray coating the reactor, or by applying a spray coating with a flux bearing material such as lime and the lime bearing mixture on it;
- (vi) subsequently electrosag smelting (ESS) by known methods as herein described in a furnace or electrosag refining (ESR) in a mould using non-consumable electrode during ESR/ESS;
- (vii) continuously adding flux and removing the slag produced during the ESR/ESS;
- (viii) continuously withdrawing the high quality steel from the ESR mould or pouring the melt from the electrosag smelting furnace to form an ingot or a casting, and if desired;
- (ix) directly processing the resultant high quality steel, while still hot, by known metallurgical, secondary refining, mechanical, thermal or thermo mechanical treatment.

(Provisional Specn. 15 Pages;

Drgn. Sheet One)

(Compl. Specn. 17 Pages;

Drgn. Sheet One).

Ind. Cl. : 89

176147

Int. Cl.⁴ : BOIL 3/02

AN IMPROVED BURETTE

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAJI MARG, NEW DELHI-1.

Inventor : ANAND SURESHCHANDRA BAL, HARIDAS JAGANNATH PATIL.

Application for Patent No. 948/DEL/89 filed on 19-10-89.

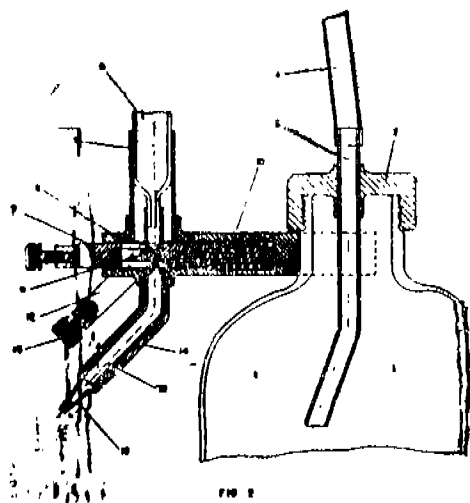
Complete left after Provisional Specification on 17-1-91.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110 005.

Claims 2

An improved burette which comprises a flexible bottle (1) having a screw cap (2) with a discharge tube (3) extended upto the bottom of the bottle (1), the discharge tube (3) being connected to one end of an inverted U-shaped tube (5) through a flexible tube (4), the other end of the inverted U-shaped tube (5) being connected to the top end of a calibrated tube (6), the tapered bottom end of the calibrated tube (6) being connected to a flexible tube (15) the bottom end of the calibrated tube (6) being fixed inside a holder tube (7) being fitted vertically on to the top of a clamp body (8), the clamp body (8) having in its horizontal section a groove containing a spring (10) loaded push button knob (9) for actuating a pin (11) for constricting/releasing the flexible tube (15), the pin (11) being provided with a swiveling clamp (12) and holding screw (13) for maintaining the flow of the liquid to be titrated, the bottom end of the flexible tube (15) passing through an inclined tube holder (14) fitted to the bottom of the clamp body (8), the bottom end of flexible tube being provided with a spout (16). for

delivery of the liquid, the clamp body (8) having means for fixing on to the neck of the bottle (1) the bottle (1) being placed on the base (17) of a vertical stand (18) provided with a grip clamp (19) for holding the calibrated tube (6) in vertical position.



Provisional Specification—7 pages

Draw. Sheets—1

Complete Specification—9 pages

Draw. Sheets—Nil

Ind. Cl. : 32F2b.

176148

Int. Cl. : C07D 249/00

A PROCESS FOR THE PREPARATION OF TRIAZOLE ANTI FUNGAL COMPOUNDS AND DERIVATIVES THEREOF.

Applicant : PRIZER INC., OF 235 EAST, 42ND STREET, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : STEPHEN JAMES RAY, KENNETH RICHARDSON.

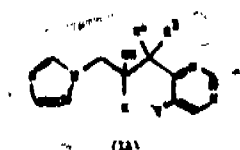
Application for Patent No. 74 DEL 91 filed on 25-01-91

Convention date : 02-02-90/U.K./9002375.5.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

Claims 12

A process for the preparation of triazole antifungal compounds of the formula :



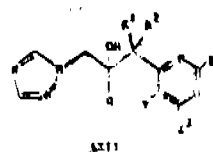
And pharmaceutically acceptable salts thereof, wherein R is phenyl substituted by 1 to 3 substituents each independently selected from halo, $-\text{CF}_3$ and $-\text{OCF}_3$;

R^1 is C_1 - C_4 alkyl;

R^2 is H or C_1 - C_4 alkyl; and

Y is F or Cl.

comprising reduction of a pyrimidine derivative compound of the formula :



wherein R, R^1 , R^2 and Y are as defined above and Z^a and Z^b are each independently selected from H and a group such as herein discussed that may be selectively removed by reduction by an conventional manner with the proviso that Z^a and Z^b cannot both be H : said process being optionally followed by conversion of the compound of the formula (IA) into a pharmaceutically acceptable salt thereof.

(Complete Specification 62 Pages

Drawing Sheets 26)

Ind. Cl. : 32(c)

176149

Int. Cl. : C11B 3/00

A PROCESS FOR THE RECOVERY OF THE COMPOUND FROM NEEM OIL HAVING ANTI-VIRAL, ANTI-FERTILITY APPLICATIONS.

Applicant : RANJANA GUPTA, 14A/10, WESTERN EXTENSION, RUSE ROAD, KAROL BAGH, NEW DELHI-110005.

Inventor : RANJANA GUPTA.

Application for Patent No. 469 DEL 91 filed on 31-05-91.

Comp. Specn. left after Prov. Specn. on 28-08-92.

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

Claims 4

A process for the recovery of the compound from neem oil having anti-viral and anti-fertility applications comprising in subjecting neem oil to the step of fractionation by adding an aqueous polar solvent as herein described to neem oil so as to allow the polar components of said neem oil to be dissolved in said solvent, adding hexone thereto to cause a separation of the solvent layer from the oily layer, separating by any known means the oily layer from the solvent layer, removing the polar solvent from said solvent layer, subjecting said solvent layer to the step of water removal to get the water free solvent layer, and then drying said layer under vacuum to get said compound

(Comp. Specn. 10 Pages Prov. Specn. 6 Pages Drwg. sheets Nil)

Ind. Cl. : 32F (2a)

176150

Int. Cl. : A01N, 37/18.

A PROCESS FOR PRODUCING DISPERSIBLE GRANULE FORMULATIONS.

Applicant : ROMM AND HAAS COMPANY, OF INDEPENDENCE MALL, WEST PHILADELPHIA, PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

Inventor : RICHARD DAVID HOUGHTON, DAVID PRESCOTT KRUTSCH, LINDA LOUISE GRAHAM.

Application for Patent No. 1081 DEL 91 filed on 08-11-91

Appropriate office for filing opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, New Delhi-110005.

Claims 7

A process for producing a dispersible propranol granule having a propranol content of at least 60% by weight comprising:

- combining one or more surfactants with propranol and optionally one or more conventional additives such as herein before described and milling to a particle size of less than 20 microns to form a pre-mix;
- adding less than 25% by weight water and optionally a wetting agent such as herein before described to said pre-mix and mixing until a paste is obtained;
- granulating said paste thereby producing granules; and
- drying said granules to a moisture content of 2% or less.

(Complete Specification 27 Pages Drawing Sheets Nil.)

Ind. Cl. : 15 C 176151

Int. Cl. : F 16C 25/04, 31/00

A HYDRODYNAMIC BEARING FOR PROVIDING SUPPORT TO A ROTATABLE SHAFT

Applicant : RUSSEL DOUGLAS IDE, A U.S. CITIZEN OF 28 DANIEL DRIVE, COVENTRY, RHODE ISLAND 028160744, USA.

Inventor : RUSSEL DOUGLAS IDE

Application for Patent No. 435/DEL/89 filed on 18 May 1989.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

Claims 17

A hydrodynamic bearing for providing support to a rotatable shaft, the bearing comprises a plurality of radially spaced bearing pads and a support structure for the bearing pads.

characterized in that

said bearing pads are each integrally formed with a portion of said support structure, said support structure comprising a primary support portion, a secondary support portion and a tertiary support portion, each of said support portions consisting of structure support members of predetermined resilience enabling said members to deflect relative to one another, said deflectable members and connections with said bearing pads allowing said pads movement whereby under loading from the rotatable shaft a trailing edge of the bearing pad is closer to the shaft than the leading edge of said pad forming a hydrodynamic wedge for containing a protective fluid film between the shaft and the bearing pad surface.

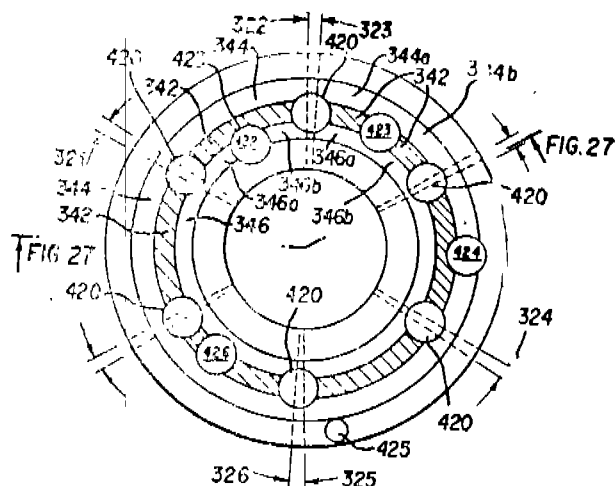


FIG. 28

Com. Specn. : 70 pages.

Drwng. Sheets : 22

Ind. Cl. : 94 G XXXIV (2)

176152

Int. Cl. : B23P 5/00

DIAMOND TOOL AND METHOD OF MANUFACTURING SAID DIAMOND TOOL.

Applicant : DE BELRS INDUSTRIAL DIAMOND DIVISION (PROPRIETARY) LIMITED, OF 45 MAIN STREET, JOHANNESBURG, TRANSVAAL, SOUTH AFRICA, A COMPANY REGISTERED UNDER THE LAWS OF SOUTH AFRICA.

Inventor : ROBERT CHARLES BURNS, GABRIEL SHRAGA TOLKOWSKY, GERRIT JAN LUCAS CRONSELAAR, CORNELIUS PHAAL.

Application for Patent No. 689 DEL 89 filed on 3-8-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, Delhi-110005.

Claims 11

A diamond tool comprising an iron-based working surface having thereon abrasion imparting means comprising a plurality of small diamond particles contained in a paste and uniformly spread across said iron-based working surface, said diamond particles being partially embedded in said iron-based working surface characterised in that there is provided on said iron-based working surface at least one uniform layer of bonding pastex of an organic binder spread across said working surface, the paste containing a plurality of particles of both single crystal and polycrystalline diamond.

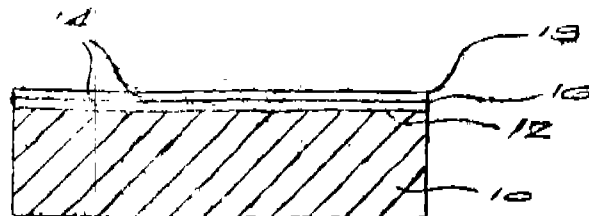


FIG. 2

(Complete Specification 9

Drawing Sheets 1).

Ind. Cl. : 32(A1)

176153

Int. Cl. : C09B, 29/095

PROCESS FOR THE PREPARATION OF AN ANIONIC DYE.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC.
OF IMPERIAL CHEMICAL HOUSE, MILLBURN,
LONDON SW1P 3JF, ENGLAND.

Inventors : DAVID GREENWOOD, NIGEL HUGHES,
SURAJ LAKSHMAN HINDAGOLLA, RONALD WIN-
FORD KENYON.

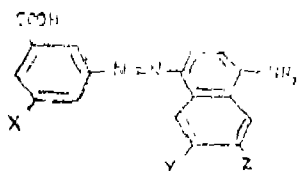
Application for Patent No. 707 DEL 89 filed on 8-8-89.

Convention date 24-8-88, 12-6-89-8820117.3, 8913460.5/
GB.

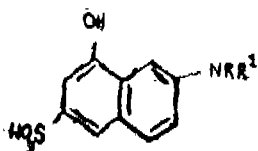
Appropriate office for filing opposition proceedings (Rule
4, 1972), Patent Office Branch, Katol Bagh, Delhi-110005.

Claims 9

A process for the preparation of an anionic dye and its
alkali metal, ammonium, amine salt or a mixture thereof,
said process comprising diazotising a compound which in its
free acid form is of the formula



and coupling said diazotised compound so produced with
a substituted naphthalene of the formula



wherein :

X is selected from H, COOH, SO₃H, halo, hydroxy, nitro,
cyano, C₁₋₈ alkyl, C₁₋₁₀ C₁₋₁₀ alkoxy, or C₁₋₁₀ acylamino

Y is H, COOH or SO₃H;

Z is H, COOH or SO₃H;

R & R¹ are each independently H or C₁₋₆-alkyl substitu-
ted by 0.1 or 2-COOR² groups;

provided that there are at least two COOH groups and that
the number of COOH groups is equal to or greater the num-
ber of SO₃H groups, and preparing said salts of said anionic
dye in any known manner.

(Complete Specification 21 pages

Drawing Sheets Nil)

Ind. Cl. : 147 I.

176154

Int. Cl. : G 03 G 13, 00, 19, 00

A MAGNETIC HEAD AIR BEARING SLIDER.

Applicant : INTERNATIONAL BUSINESS MACHINES
CORPORATION, OF ARMONK, NEW YORK 10504,
UNITED STATES OF AMERICA.

3-457 GI/95

Inventors : DAVENDRA SINGH CHHABRA, DIEN
LEVAN, HE JRY SHOSHI NISHIHARA.

Application for Patent No. 714 DEL 89 filed on 9-8-89.

Convention date 26-5-89-8912167.7/GB.

Appropriate office for filing opposition proceedings (Rule
4, 1972), Patent Office Branch, Katol Bagh, Delhi-110005.

Claims 7

A magnetic head air bearing slider (10) for supporting a
magnetic transducer (24) comprising

a slider structure having leading (20) and trailing (22)
ends, and an air bearing surface,

side rails (12,19) disposed along the sides of said air bear-
ing surface of said slider (10) said side rails (12,19) rails being
substantially coplanar, and said side rails having a tapered
section (11) formed on the air bearing surface at said lead-
ing (20) end, and

a centre (16) rail disposed along the central region of said
air bearing surface, said centre (16) rail being separated from
said side (12,19) rails by recessed sections (18) which extend
from said leading (20) end to said trailing (22) end of said
slider, said centre rail having a tapered (11) section at
said leading (20) end, and characterised by

said side (12,19) rails extending from the leading end of
said slider, (10) part way to the trailing end (22) of said
slider, and each said side rail having a width measured nor-
mal to the leading end to trailing (22) end dimension of
said slider which does not substantially exceed the width of
said side rails at said leading (20) end of said slider, and

said centre (16) rail having a width measured normal to
the leading (20) end to trailing (22) end dimension of said
slider (10) which is smallest at said leading end and which
is greatest at said trailing (22) end of said slider

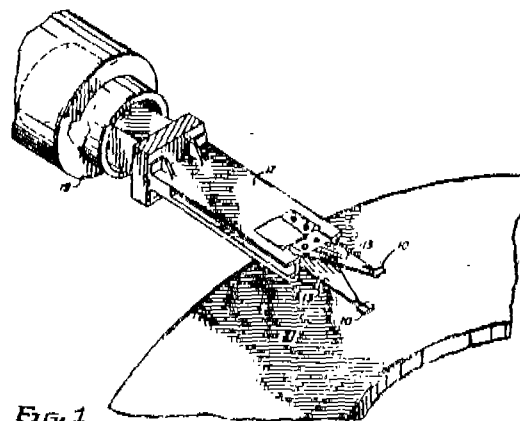


FIG. 1

(Complete Specification 12 Pages

Drawing Sheets 2).

Ind. Cl. : 129 B.

176155

Int. Cl. : B 21 F 19/00, 21, 00.

**A PROCESS FOR MANUFACTURING STEEL WIRE
HAVING IMPROVED AS HULLION CAPACITY TO ELAS-
TOMERS.**

Applicant : N. V. B. S. A. R. I. S. A. A. P. U. B. L. I. C. C. O. M. P. A. N. Y.
ORGANIZED UNDER THE LAWS OF BELGIUM,
OF 1, RUE D'ALBERT 2, 1050 BRUXELLES, BEL-
GIUM.

Inventors : WILFRIED LOFFENS, DANIEL CHAM-
BAERE WILLY VANHEE.

Application for Patent No. 718/Del/89 filed on 11-8-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

5 Claims

A process for manufacturing a steel wire having improved adhesion capacity to elastomers which comprises subjecting a steel wire to a pickling treatment such as herein described characterized by continuously and controllably micro roughing the surface of the round steel wire by etching the wire surface during said pickling treatment so that it retain a brightness factor L in the diameter range d of between 0.8 mm to 2 mm meeting the relation $Ld^{1/4} \leq 37$ and 55 and subsequently applying an adhesion promoting metal coating to said roughened surface.

(Compl. specn. 10 pages

Drng. sheets)

Ind. Cl. : 40 (A-2) - IV(II)

176156

Int. Cl.⁴ : B 01 J, 19/24.

A MULTISECTIONAL HORIZONTAL REACTOR FOR OXIDIZING OXYGENATED DERIVATIVES OF CYCLO-HEXANE WITH NITRIC ACID.

Applicant : BIURO PROJEKTOW I REALIZACJI INWESTYCJI PRZEMYSŁU SYNTETY CZYMIKOWEJ "PRO-SYN-HEM", OF 44-101 SŁIWICE, UL. KONSTYTUCJI 11, POLAND AND INSTYTUT CHEMII PRZEMYSŁOWEJ, OF 01-793 WARSZAWA, UL. RYDYGIERA 8, POLAND.

Inventors : HENROK BABINSKI JERZY PADOWICZ, KAZIMERZ PRZYBYŁO, JERZY WISNIEWSKI, STANISŁAW CIBOROWSKI, ANNA KUR, SIEFAN SZARLIK.

Application for Patent No. 722/Del/89 filed on 14-8-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

3 Claims

A multisectional horizontal reactor for oxidizing oxygenated derivatives of cyclohexane with nitric acid, said reactor comprising :

a reaction part (2),

said reaction part being divided by partitions (4) into sections (6) for being fed with organic raw material,

each said section being provided with the reverse-taper confusor (9), said confusor having at its lower part an agitator (8) for enforcing axially top-to-bottom circulation of the liquid and a pipe (11) fixed below the lower edge of the cone, said pipe preferably being in the form of a efflux nozzle, the outlet of said pipe being directed upwards,

at the upper end of the confusor are situated two vertical flat bars (10), said bars projecting above surface of liquid for collecting the liquid from the reactor wall to make it to re-enter into the upper hole of the confusor, and

a pacificatory part (3) to which non-organic raw material is fed, said pacificatory part being divided into series section (7) by means of a partitions (5), said partitions being perpendicular to the reactor axis, every second partition reaching the bottom of the reactor and the remaining one being fixed so as to leave free space between the lower edge and reactor bottom and to project its upper edge above the surface of the liquid.

(Compl. specn. 12 pages

Drngs. 2 sheets)

Ind. Cl. : 68 D LVII (3)

176157

Int. Cl.⁴ : H01 4/02.

GAS LIGHTNING ARRESTER.

Applicant : COMPAGNIE INDUSTRIELLE DE TUBES ET LAMPES ELECTRIQUES CIEEL, A JOINT STOCK COMPANY CONSTITUED UNDER THE FRENCH LAW, OF 8, AVENUE JEAN-JAURES, 92130 ISSY-K LES-MOULINEAUX, FRANCE.

Inventors : MICHEL CANAGREL.

Application for Patent No. 724/Del/89 filed on 16-8-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

9 Claims

Gas lightning arrester for allowing an over-voltage arising on one of its electrodes (12a, 12b) to pass to an earth lead which comprises two or more electrodes (12a, 12b) each electrode being electrically insulated from the other or others, each electrode forming part of a gas-tight enclosure (11) and being separated from each other electrode (12a, 12b) by means of an inert gas contained within said enclosures (11) said enclosure (11) also containing a mineral addition agent for increasing the operating voltage between said electrodes while reducing the arc extinguishing time, said mineral addition agent comprising an at least partially powdery metal oxide or mixture of elementary or mixed oxides corresponding on average on average to the general formula :

$$Al X_a Y_b O_c$$

wherein :

X represents at least one alkaline metal;

Y represents at least one alkaline-earth metal;

a is any number between 0.02 and 1.5;

b is any number between 0 and 0.25; and

c is the value required to comply with the valency rules.

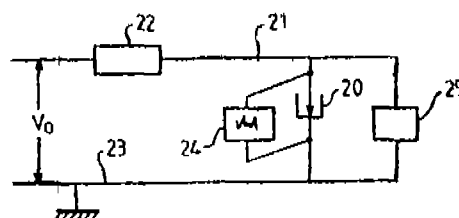


FIG. 3

(Compl. specn. 9 pages

Drng. 1 sheet)

Ind. Cl. : 32 E IX (1)

176158

Int. Cl.⁴ : C 08 F 110/02, 210/02, 210/16.

A METHOD OF POLYMERISING ETHYLENE OR ETHYLENE AND OLEFINS.

Applicant : EXXON CHEMICAL PATENTS INC., OF 1900 E. LINDEN AVENUE, LINDEN, NEW JERSEY 07036-0710, UNITED STATES OF AMERICA.

Inventors : HOWARD WILLIAM TURNER.

Application for Patent No. 738/Del/89 filed on 21 Aug. 1989.

Ante-dated to same filing date 8 December, 1986.

Divisional of Patent Application No. 1074/Del/86 filed on 8-12-86.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

9 Claims

A method of polymerising ethylene or ethylene and olefins such as alpha or diolefins to produce homo or copolymers of ethylene, said method comprising effecting the polymerisation of ethylene or ethylene and the olefins in conventional polymerisation conditions in the presence of a olefin polymerisation catalyst comprising the reaction product of at least one metallocene of a transition metal of Group IVB, VB, VB, and VIII of the Periodic Table and on alumoxane.

(Compl. specn. 23 pages)

Drng. sheet)

Ind. Cl. : 85 C

176159

Int. Cl.⁴ : F 27 D 3/00.

APPARATUS FOR CHARGING A SHAFT FURNACE.

Applicant : PAUL WURTH S. A., OF 32 RUE D'ALSACE, L-1122 LUXEMBOURG, GRAND-DUCHY, OF LUXEMBOURG.

Inventors : EMILE LONARDI, GIOVANNI CIMENTI, PIERRE MAILLIET.

Application for Patent No. 770/Del/89 filed on 31-8-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

15 Claims

Apparatus for charging a shaft furnace comprising :

a rotary and pivoting distributor chute (16) suspended on the head of the furnace, (10),

means for driving the chute (16) consisting of a first and a second running ring (62, 50) for rotating the chute (16) about a vertical axis 'O' of the furnace (10) and for changing angle of inclination of the chute (16) relative to said furnace (10) axis 'O' as a result of pivoting said chute (16) about its horizontal suspension axis;

means for actuating the two running rings (52, 50) independently of one another,

a central charging lock (20) equipped with upper and lower sealing flaps (26, 28, 30) and with a metering and closing valve (32) for adjusting flow of material from the lock (20) onto the distributor chute, (16) and

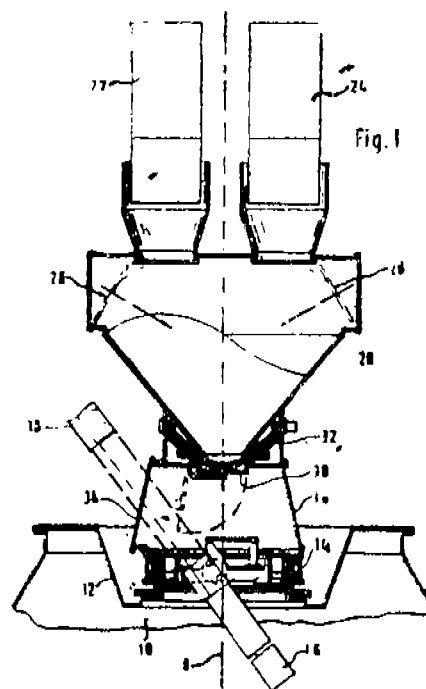
means for filling the lock, (20)

characterised in that said means for driving the chute is provided with

two horizontal crossmembers (54, 56) extending on the inside of said first ring (52) in parallel on either side of the chute (16) and fastened directly to said first ring, (52)

supporting means (58, 60) mounted between the chute (16) and the horizontal crossmembers (54, 56) for pivotably supporting the chute (16) between the two horizontal crossmembers, (54, 56) and

articulated kurbage (66, 68, 70) means mounted between the chute (16) and said second ring (50).



(Compl. specn. 18 pages)

Drngs. 7 sheets)

Ind. Cl. : 147 E.

176160

Int. Cl.⁴ : G 11 B 20/00.

APPARATUS FOR CONTDITIONING A SIGNAL.

Applicant : Q SOUND LTD., OF 2748 37TH AVENUE, CALGARY, ALBERTS, CAMADA T2P 3M7.

Inventors : DANNY DAYCE LOWE, JOHN WILLIAM LEES.

Application for Patent No. 777/Del/89 filed on 1-9-89.

Appropriate office for filing opposition proceedings (Rule 4, 1972), Patent Office Branch, Karol Bagh, New Delhi-110 005.

4 Claims

An apparatus for conditioning a signal for producing and locating an auditory sensory illusion of an apparent origin for at least one selected sound at a predetermined and localized position located within three-dimensional space having a listener, said apparatus comprising an audio signal source producing a monaural signal corresponding to a selected audible sound, said source connected to first and second channels for receiving said monaural signal, characterised by one of said first and second channels having a filter for altering the amplitude and shifting the phase angle of said monaural signal from the audio signal source on a frequency dependant basis to produce at an output of said filter a modified signal, wherein the amplitude alternation differential and phase shift (differential) occurring between the respective signals in the first and second channels is a predetermined value for each

successive, discrete frequency interval of the audio spectrum said first and second channels being connected to two transducers for receiving said modified signal to produce a sound apparently originating at a predetermined location in a three-dimensional space.

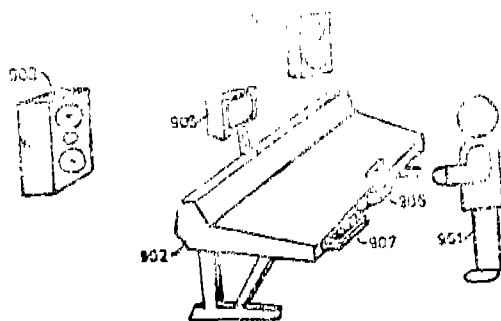
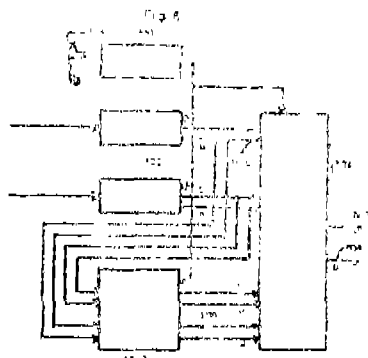


Fig. 9

(Comp). specn. 37 pages.

(Drngs. 13 sheets)

In pursuance of leave granted under Section 20 (1) of the Patents Act 1970 application No. 838/Del/86/169265 of PIAGGIO & C. S.p.A., Italy has been allowed to proceed in the name of PIAGGIO VEICOLI EUROPEI S.r.l., Italy which in turn has been allowed to proceed in the name of PIAGGIO VEICOLI EUROPEI S.p.A.

RENEWAL FEES PAID

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165404 165547 165571 165635 165776 165847 165874 165876
165398 167055 167159 167268 167638 167693 167747 167749
167875 168015 168123 168335 168361 168472 168578 168591
168592 168667 169311 169659 169710 169738 169781 169849
169874 169990 170043 170053 170062 170064 170091 170211
170262 170334 170363 171155 171676 171714 171833 171963
172066 172114 172222 172441 172510 172648 172955 173030
173146 173653 173660 173678 173703 173725 173761 173763
173766 173768 173772 173773 173776 173777 173778 173779
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CESSATION OF PATENTS

167979 167997 168022 168030 168031 168043 168045 168046
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168225 168249 168254 168281 168283 168287 168309 168315
168324 168325 168329 168334 168336 168337 168357 168365
168374 168422 168481 168499 168532 168546 168547 168549
168568.

AMENDMENTS PROCEEDINGS UNDER SECTION 57

Notice is hereby given that PIAGGIO VEICOLI EUROPEI S.p.A. has made an application on Form-29 under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 838/Del/86 (169265) for "Improved Device within the Carburettor of an Internal Combustion Engine for the controlled automatic delivery of additional fuel mixture to said engine". The amendments are by way of change of name of the applicant.

The application for amendment and the proposed amendments can be inspected, free of charge at the Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005, or copies of the same can be had on payment of usual copying charges.

Any person interested in opposing the application for amendment may file a notice of opposition in Form-30 within three months from the date of this notification at Patent Office Branch, Unit No. 401 to 405, 3rd Floor, Municipal Market Building, Saraswati Marg, Karol Bagh, New Delhi-110005. If the Written Statement of Opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

PATENT SEALED ON 12-01-96

175427 175429*D 175430 175431 175432 175434 175436
175437 175438*D 175439 175440* 175441* 175442* 175443
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175453 175455 175456 175457 175458* 175459 175460*
175461 175462 175463 175465 175466 175467 175469
175470*D 175472 175476 175477.

CAL—NIL, DEL—25, BOM—14, MAS—NIL.

*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patents, F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of the registration included in the entries.

Class 1. No. 168664, M. N. Engineering, House No. 1361, Chikhali, Pawar Vasti, Kudalwadi, Pune-412114, Maharashtra, India, an Indian partnership firm, "MARINE GEAR BOX", 24th January, 1995.

- Class 1. No. 168133, Italik Metalware Pvt. Ltd., "KLIK", Near Nutan Press, Sadar, P. B. No. 333, Rajkot-360001, Gujarat, India, "ALDROP SET", 20th September 1994.
- Class 1. No. 168344, Ravissant, a division of Vishal (P) Limited, an Indian company, 24 Nehru Place New Delhi-110019, India, "DESERT SPOON", 31st October 1994.
- Class 1. No. 168345, Ravissant, a division of Vishal (P) Limited, an Indian company, 24 Nehru Place New Delhi-110019, India, "KEY CHAIN",
- Class 1. No. 168343, Ravissant, a division of Vishal (P) Limited, an Indian company, 24 Nehru Place New Delhi-110019, India, "SOUP PLATE", 31st October 1994.
- Class 1. No. 168246, Tide Water Oil Co. (India) Ltd., of 3rd floor, Kamani Chambers, 32 R. Kamani Marg, Balard Estate Bombay-400038, Maharashtra, "A CONTAINER", 12th October 94.
- Class 1. No. 168051, Amrik Singh Kohli, an Indian national a resident of House No. 351, Phase 1, Urban Estate, Focal Point, Ludhiana-10, Punjab, India, "SIREN TORCH", 6th September 1994.
- Class 3. No. 168171 to 168173, Interlego AG, a Swiss company of Neuhoofstrasse 21, CH 6340 Baar, Switzerland, "A TOY BUILDING ELEMENT", 29th September 1994.
- Class 3. No. 168503, Finolex Industries Limited, an Indian company of D 1/10, M.I.D.C., Chinchwad, Pune-411019, Maharashtra, India, "ADAPTOR FOR COUPLING", 16th December 1994.
- Class 3. No. 168584, National Plastics, 91, Basant Avenue, Amritsar 143001, Punjab, India, a sole proprietary firm, "SPRAY PUMP", 2nd January 1995.
- Class 3. No. 168388, Vijay Industrial & Trade Corp., An Indian sole proprietor firm, "FLUSHING CISTERNS", 14th November 1994.
- Class 3. No. 168233, American Cynamid Company, One Cynamid Plaza, Wayne, NJ 07470-8426, U.S.A., "CAP AND BOTTLE", 10th October 1994.

R. A. ACHARYA,
Controller General of Patents,
Designs & Trade Marks

प्रबन्धक, भारत सरकार मद्रासालय, फरिदाबाद द्वारा मद्रित
एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1996

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